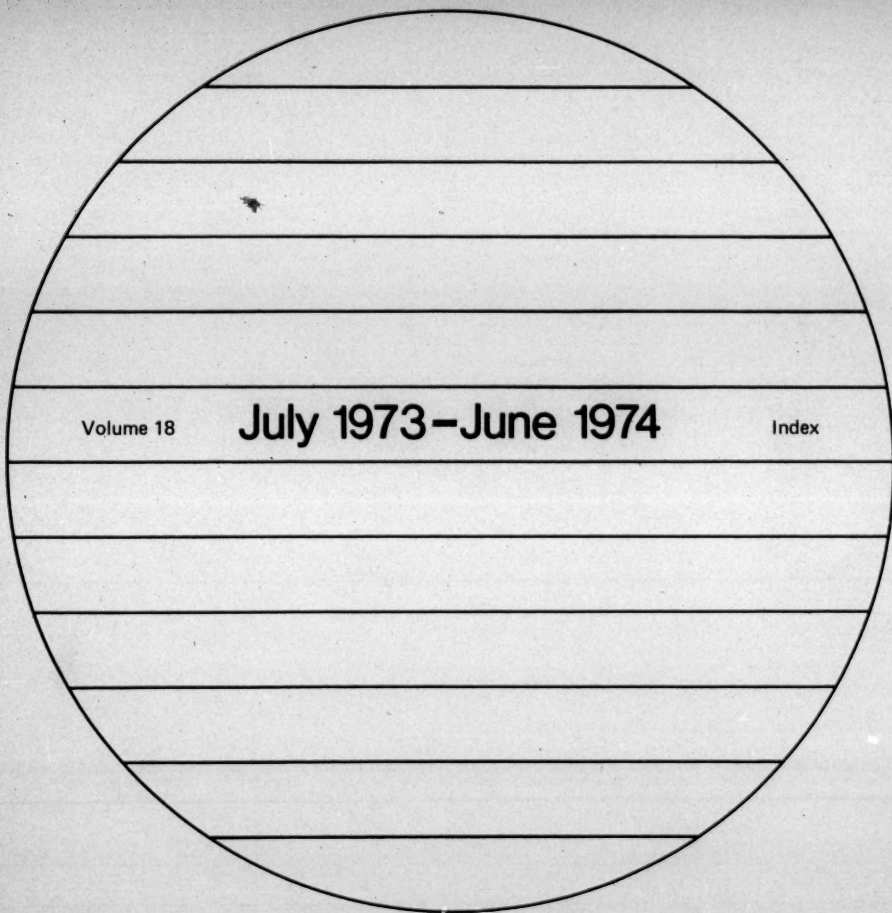


SOVIET PHYSICS TECHNICAL PHYSICS



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43. PLASMA PHYSICS

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43.20.K Surface effects

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43.25.L Fluctuation phenomena

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43.30.— Transport, collision, and interaction processes in plasma

43.30.D Transport properties

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43.50.— Plasma production and heating

43.50.D Plasma sources and discharges

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51. STRUCTURE OF LIQUIDS AND SOLIDS; CRYSTALLOGRAPHY

51.10.— Techniques for determination of lattice and defect structures

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56. TRANSPORT PROPERTIES OF CONDENSED MATTER (NONELECTRONIC)

56.10.+ Diffusion and ionic conduction in liquids

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62.10.— Electronic conduction in metals and alloys

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62.50.+ Acoustoelectric effects

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63.20.— Electronic surface states

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63.40.— Interfaces

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68.20.— Optical properties and materials

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68.60.— Luminescence spectra and radiative recombination

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69. ELECTRON AND ION EMISSION BY LIQUIDS AND SOLIDS; IMPACT PHENOMENA

69.20.— Impact phenomena, including electron spectra and sputtering

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69.20.D Laser impact phenomena

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69.20.F Electron impact: Auger emission

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69.20.P Atom, molecule, and ion impact: Auger neutralization

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69.40.+ Thermionic emission

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69.90.+ Other Topics in emission and impact phenomena in condensed matter

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71. OPTICS

71.20.— Propagation and transmission in inhomogeneous media

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71.30.— Information theory

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71.40.— Holography

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71.40.H Photographic and recording problems

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71.40.K Holographic instrumentation and techniques

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71.40.M Applications

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